

Rehabilitation of Runway 17R/35L



Dallas Forth-Worth International Airport

Critical Rehabilitation Project

Runway 17R/35L is DFW's primary east side departure runway, handling approximately 50% of DFW's daily departures. The 13,400-foot runway was built in 1974, and after 49 years, it requires rehabilitation. This project will extend the structural life of the runway, enhance current and future performance, reduce operational impacts and maintenance costs.

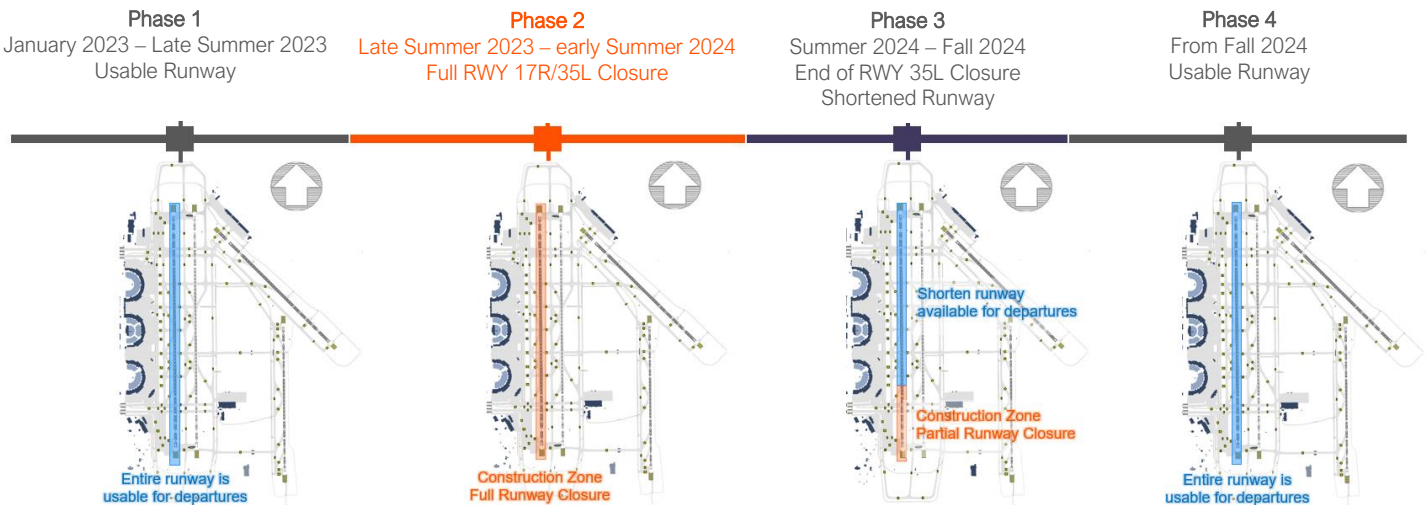
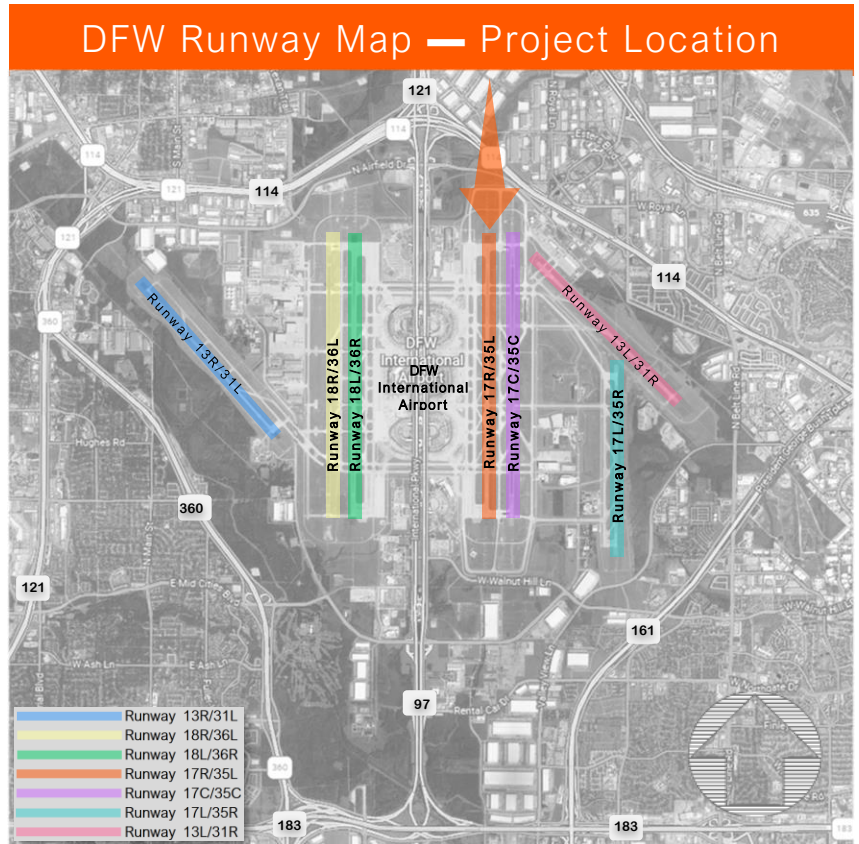
Project Details

The RWY 17R/35L Rehabilitation Project includes, but is not limited to:

- Pavement reconstruction with an asphalt overlay
- Shoulder and blast pad pavement reconstruction
- Northeast and Southeast holding pads rehabilitation
- Drainage improvements
- New electrical infrastructure
- Lighting and signage rehabilitation
- Deicing Infrastructure rehabilitation

Project Schedule

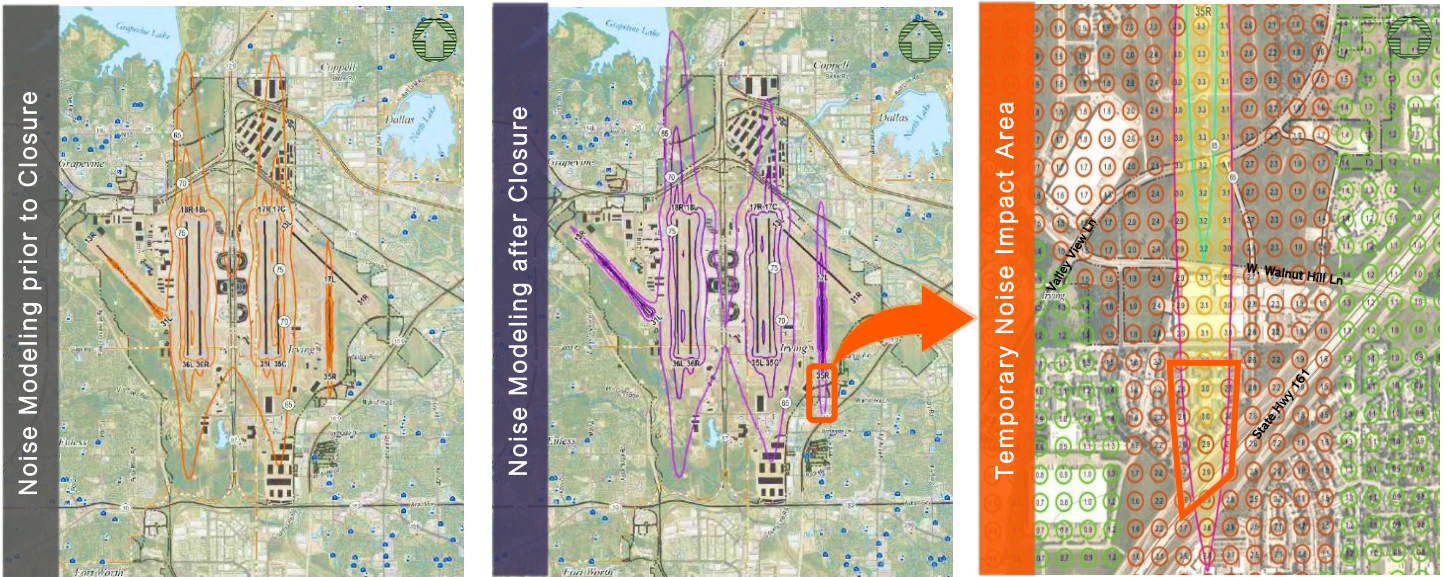
To reduce impacts on airfield operations and the community, DFW is phasing the project in such a way as to keep the runway operational as long as possible, limiting the overall operational impacts during peak operating months. The most significant change for the surrounding communities will be in late Summer 2023 and until early Summer 2024 during the full runway closure.



Changes During the Runway 17R/35L Closure

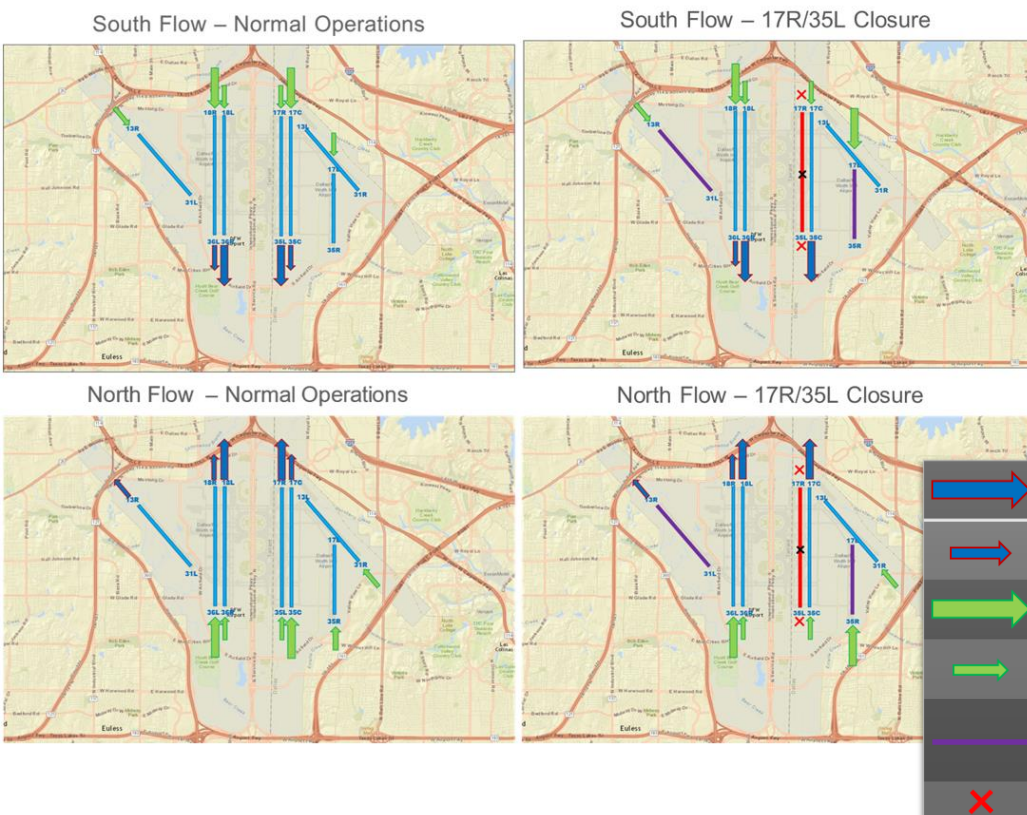
Noise

Surrounding communities may experience an increase in noise within their neighborhoods from the effects of the change in operations during a runway closure. DFW modeled the temporary change in noise exposure with and without the planned closure, as required by FAA. Noise modeling is done to determine if the project would create a noise “impact”, defined by the FAA as a 1.5 Day/Night Level (DNL) increase in the 65 dB DNL noise contour over a noise-sensitive land use.



The modeled noise indicates there are generally no temporary noise “impacts” except for a small area in the City of Irving. The multi-family buildings between the Airport property and State Hwy 161 may experience a temporary noise increase as aircraft operations are temporarily shifted to Runway 17L/35R during the full runway closure of 17R/35L. DFW will reach out to these residents to ensure they are aware of the closure.

Air Traffic Flow



Contact Information

More Information
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